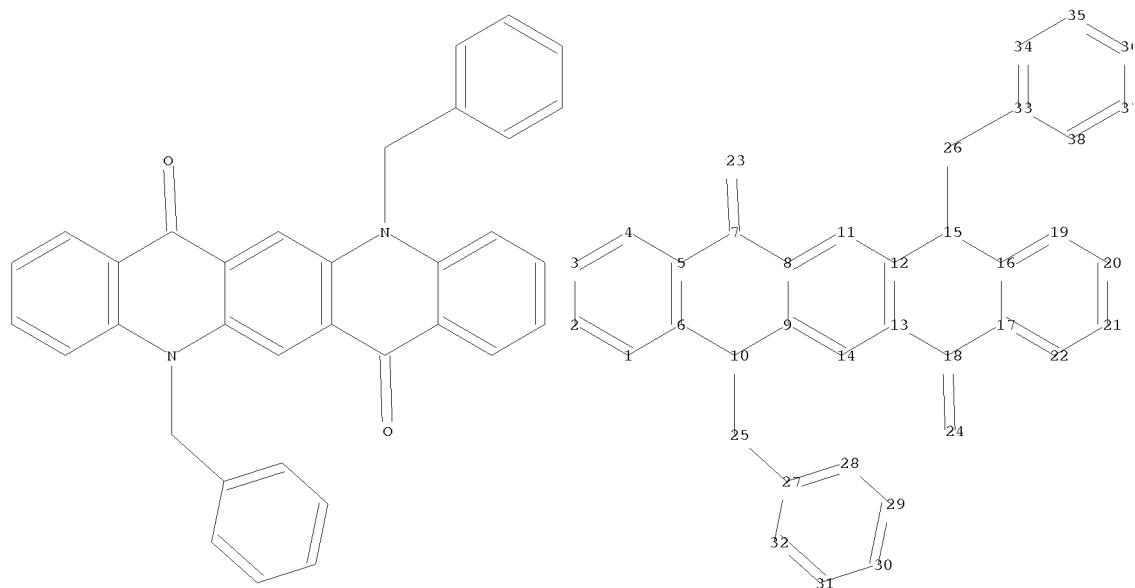


=>



chain nodes :

23 24 25 26

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 27 28 29 30 31 32 33 34 35
36 37 38

chain bonds :

7-23 10-25 15-26 18-24 25-27 26-33

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 12-15 13-14 13-18 15-16 16-17 16-19 17-18 17-22 19-20 20-21 21-22 27-28 27-32 28-29 29-30 30-31
31-32 33-34 33-38 34-35 35-36 36-37 37-38

exact/norm bonds :

5-7 6-10 7-8 7-23 9-10 10-25 12-15 13-18 15-16 15-26 17-18 18-24

exact bonds :

25-27 26-33

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 16-17 16-19 17-22 19-20 20-
21 21-22 27-28 27-32 28-29 29-30 30-31 31-32 33-34 33-38 34-35 35-36 36-37 37-38

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom

12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom

L1 STRUCTURE UPLOADED

=> s l1 sss sam
SAMPLE SEARCH INITIATED 09:10:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 34 TO ITERATE

100.0% PROCESSED 34 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 331 TO 1029
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 09:10:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 803 TO ITERATE

100.0% PROCESSED 803 ITERATIONS 60 ANSWERS
SEARCH TIME: 00.00.01

L3 60 SEA SSS FUL L1

=> s l3
L4 32 L3

=> s l4 and py<=2003
23982103 PY<=2003
L5 16 L4 AND PY<=2003

=> s l5 and patent/dt
6240930 PATENT/DT
L6 12 L5 AND PATENT/DT

=> s l5 not l6
L7 4 L5 NOT L6

=> d l7 1-4 ibib hitstr

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Novel organic composites based on N-substituted quinacridone derivatives for molecular organic light-emitting diodes

Author/Inventor

Murata, Hideyuki; Merritt, Charles D.; Kafafi, Zakya H.

Patent Assignee/Corporate Source

U.S. Naval Research Laboratory, Washington, DC, 20375, USA

Source

Science and Technology of Polymers and Advanced Materials: Emerging Technologies and Business

Opportunities, [Proceedings of the International Conference on Frontiers of Polymers and Advanced Materials], 4th, Cairo, Jan. 4-9, 1997 (1998), Meeting Date 1997, 207-214. Editor(s): Prasad, Paras N. Plenum: New York, N. Y. CODEN: 67CCA5

Document Type
Conference
Language
English

L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title Doping of the charge transport layer with highly luminescent molecules
Author/Inventor Kafafi, Zakya H.; Fatemi, Darius J.; Murata, Hideyuki; Merritt, Charles D.
Patent Assignee/Corporate Source U. S. Naval Res. Lab., Washington, DC, 20375, USA
Source Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1997), 38(1), 390-391
CODEN: ACPPAY; ISSN: 0032-3934

Document Type
Journal
Language
English

L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title Solid solutions based on unsubstituted quinacridone and dialkylquinacridones
Author/Inventor Pushkina, L. L.; Bondarenko, E. A.; Kabachenko, V. V.; Shelyapin, O. P.
Patent Assignee/Corporate Source USSR
Source Zhurnal Prikladnoi Khimii (Sankt-Peterburg, Russian Federation) (1989), 62(1), 164-8 CODEN: ZPKHAB;
ISSN: 0044-4618
Document Type
Journal
Language
Russian

L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

Title Synthesis of N,N'-dialkylquinacridones using phase-transfer catalysis
Author/Inventor Pushkina, L. L.; Shelyapin, O. P.; Shein, S. M.
Patent Assignee/Corporate Source Nauchno-Issled. Inst. Org. Poluprod. Krasitelei, Rubezhnoe, 349870, USSR
Source Khimiya Geterotsiklichesikh Soedinenii (1985), (7), 952-5 CODEN: KGSSAQ; ISSN: 0453-8234
Document Type
Journal
Language
Russian

=> dl6 1-12 ibib

DL6 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> d 16 1-12 ibib

L6 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Single compound white luminescent device and white electroluminescent component using carbazole or quinacridone derivative

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao
Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan; Hirose Engineering Co., Ltd.

Source

Jpn. Kokai Tokkyo Koho, 26 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003203780	A	20030718	JP 2002-10895	20020118

Patent Number (1)

JP 2003203780

Kind Code (1)

A

Patent Publication Date (1)

20030718

Application Number (1)

JP 2002-10895

Application Date (1)

20020118

Priority Patent Number (1)

JP 2001-333569

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20011030

L6 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of white fluorescent quinacridones

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao
Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 31 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003192684	A	20030709	JP 2002-12223	20020121

Patent Number (1)

JP 2003192684
Kind Code (1)
A
Patent Publication Date (1)
20030709
Application Number (1)
JP 2002-12223
Application Date (1)
20020121
Priority Patent Number (1)
JP 2001-292509
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20010925

L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Fluorescent colorant compositions with good heat, solvent, and light resistance

Author/Inventor

Tamano, Michiko

Patent Assignee/Corporate Source
Toyo Ink Mfg. Co., Ltd., Japan

Source
Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002256168	A	20020911	JP 2001-59437	20010305

Patent Number (1)
JP 2002256168

Kind Code (1)
A

Patent Publication Date (1)
20020911

Application Number (1)
JP 2001-59437

Application Date (1)
20010305

Priority Patent Number (1)
JP 2001-59437

Priority Patent Publication Date (1)
20010305

L6 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Light-resistant fluorescent colorants having good compatibility with resins

Author/Inventor

Tamano, Michiko

Patent Assignee/Corporate Source
Toyo Ink Mfg. Co., Ltd., Japan

Source
Jpn. Kokai Tokkyo Koho, 15 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002038044	A	20020206	JP 2000-230268	20000731

Patent Number (1)

JP 2002038044

Kind Code (1)

A

Patent Publication Date (1)

20020206

Application Number (1)

JP 2000-230268

Application Date (1)

20000731

Priority Patent Number (1)

JP 2000-230268

Priority Patent Publication Date (1)

20000731

L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Ink-jet printing method and printed image

Author/Inventor

Oya, Hidenobu; Kaga, Makoto; Asatake, Atsushi; Suzuki, Shinichi; Nakamura, Masaki; Nagasawa, Tadahiro

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002019261	A	20020123	JP 2000-204869	20000706

Patent Number (1)

JP 2002019261

Kind Code (1)

A

Patent Publication Date (1)

20020123

Application Number (1)

JP 2000-204869

Application Date (1)

20000706

Priority Patent Number (1)

JP 2000-204869

Priority Patent Publication Date (1)

20000706

L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Image forming method with ink composition and acid generating compound
Author/Inventor

Ooya, Hidenobu; Morimoto, Hitoshi

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001315424	A	20011113	JP 2000-135184	20000508

Patent Number (1)

JP 2001315424

Kind Code (1)

A

Patent Publication Date (1)

20011113

Application Number (1)

JP 2000-135184

Application Date (1)

20000508

Priority Patent Number (1)

JP 2000-135184

Priority Patent Publication Date (1)

20000508

L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Storage-stable ink compositions and methods for forming images having high quality

Author/Inventor

Oya, Hidenobu

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 20 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001247799	A	20010911	JP 2000-61787	20000307

Patent Number (1)

JP 2001247799

Kind Code (1)

A

Patent Publication Date (1)

20010911

Application Number (1)

JP 2000-61787

Application Date (1)

20000307

Priority Patent Number (1)

JP 2000-61787

Priority Patent Publication Date (1)

20000307

L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Storage stable aqueous ink compositions and image formation method therewith

Author/Inventor

Oya, Hidenobu

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 21 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001226614	A	<u>20010821</u>	<u>JP 2000-39360</u>	<u>20000217</u>

Patent Number (1)

JP 2001226614

Kind Code (1)

A

Patent Publication Date (1)

20010821

Application Number (1)

JP 2000-39360

Application Date (1)

20000217

Priority Patent Number (1)

JP 2000-39360

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20000217

L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electric-field light-emitting device containing quinacridone compound

Author/Inventor

Nakatsuka, Masakatsu; Kitamoto, Noriko

Patent Assignee/Corporate Source

Mitsui Chemicals Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 19 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11087059	A	<u>19990330</u>	<u>JP 1997-255989</u>	<u>19970904</u>

Patent Number (1)

JP 11087059
Kind Code (1)
A
Patent Publication Date (1)
19990330
Application Number (1)
JP 1997-255989
Application Date (1)
19970904
Priority Patent Number (1)
JP 1997-255989
Priority Patent Publication Date (1)
19970904

L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title Organic electroluminescent device with excellent luminous intensity

Author/Inventor Nakatsuka, Masakatsu; Kitamoto, Noriko

Patent Assignee/Corporate Source Mitsui Chemicals Inc., Japan

Source Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF

Document Type

Patent

Language Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11054283	A	19990226	JP 1997-221199	19970804

Patent Number (1)
JP 11054283

Kind Code (1)
A

Patent Publication Date (1)
19990226

Application Number (1)
JP 1997-221199

Application Date (1)
19970804

Priority Patent Number (1)
JP 1997-221199

Priority Patent Publication Date (1)
19970804

L6 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title Fluorescent materials and their use

Author/Inventor Otani, Junji; Kunimoto, Kazuhiko; Deno, Takashi; Devlin, Brian Gerrard; Kodama, Kunihiko

Patent Assignee/Corporate Source Ciba Specialty Chemicals Holding Inc., Switz.

Source PCT Int. Appl., 62 pp. CODEN: PIXXD2

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>WO 9833862</u>	<u>A1</u>	<u>19980806</u>	<u>WO 1998-EP314</u>	<u>19980121</u>

Patent Number (1)

WO 9833862

Kind Code (1)

A1

Patent Publication Date (1)

19980806

Application Number (1)

WO 1998-EP314

Application Date (1)

19980121

Priority Patent Number (1)

EP 1997-810049

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19970203

L6 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent phosphors

Author/Inventor

Tamano, Michiko; Onikubo, Shunichi; Enokida, Toshio

Patent Assignee/Corporate Source

Toyo Ink Mfg Co, Japan

Source

Jpn. Kokai Tokkyo Koho, 21 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 09013026</u>	<u>A</u>	<u>19970114</u>	<u>JP 1996-107452</u>	<u>19960426</u>

Patent Number (1)

JP 09013026

Kind Code (1)

A

Patent Publication Date (1)

19970114

Application Number (1)

JP 1996-107452

Application Date (1)

19960426

Priority Patent Number (1)

JP 1995-105220

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19950428

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Connecting via Winsock to STN

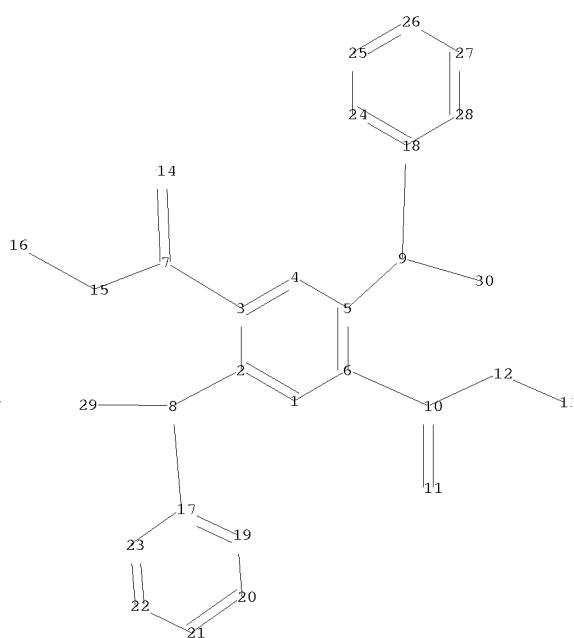
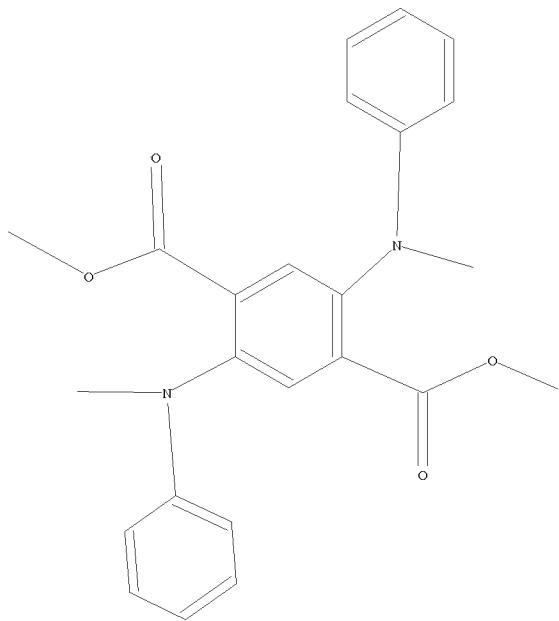
Welcome to STN International! Enter x:X

LOGINID:SSPTAMEN1774

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

⇒



chain nodes :

7 8 9 10 11 12 13 14 15 16

ring nodes :

1 2 3 4 5 6 17 18 19 20 21 22 23 24 25 26 27 28

ring/chain nodes :

29 30

chain bonds :

2-8 3-7 5-9 6-10 7-14 7-15 8-17 8-29 9-18 9-30 10-11 10-12 12-13 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-19 17-23 18-24 18-28 19-20 20-21 21-22 22-23 24-25 25-26
 26-27 27-28

exact/norm bonds :

2-8 5-9 7-14 7-15 8-17 8-29 9-18 9-30 10-11 10-12 12-13 15-16

exact bonds :

3-7 6-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 17-19 17-23 18-24 18-28 19-20 20-21 21-22 22-23 24-25 25-26
26-27 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS
30:CLASS

L1 STRUCTURE UPLOADED

=> s 11 sss sam
SAMPLE SEARCH INITIATED 09:48:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4 TO 200
PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d scan 12

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Author/Inventor

1,4-Benzenedicarboxylic acid, 2,5-bis[2-anthracenyl][(4- methylphenyl)methyl]amino]-, 1,4-dimethyl ester

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Author/Inventor

Terephthalic acid, 2,5-bis[3,3-dibutyl-1-(p-chlorophenyl)ureido]-, dimethyl ester (8Cl)

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Author/Inventor

1,4-Benzenedicarboxylic acid, 2,5-bis[(9-ethyl-9H-carbazol-3- yl)hexylamino]-, 1,4-diethyl ester

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=> s 11 sss full
FULL SEARCH INITIATED 09:48:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 95 TO ITERATE

100.0% PROCESSED 95 ITERATIONS 47 ANSWERS
SEARCH TIME: 00.00.01

L3 47 SEA SSS FUL L1

=> s 13
L4 25 L3

=> s 14 and py<=2003
23982103 PY<=2003
L5 17 L4 AND PY<=2003

=> s 15 and py<=2002
22931482 PY<=2002
L6 14 L5 AND PY<=2002

=> s 16 and quinacridone
2216 QUINACRIDONE
292 QUINACRIDONES
2271 QUINACRIDONE
(QUINACRIDONE OR QUINACRIDONES)
L7 1 L6 AND QUINACRIDONE

=> s 16 and ?quinacridone
2412 ?QUINACRIDONE
L8 1 L6 AND ?QUINACRIDONE

=> d 18 ibib

```

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
 Title

Quinacridone pigment dyes

Author/Inventor

Bock, Gustav

Patent Assignee/Corporate Source

Badische Anilin- & Soda-Fabrik AG

Source

Ger., 4 pp. CODEN: GWXXAW

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1236696		19670316	DE 1964-B76575	19640429

Patent Number (1)

DE 1236696

Patent Publication Date (1)

19670316

Application Number (1)

DE 1964-B76575

Application Date (1)

19640429

=> s 16 not 18

L9 13 L6 NOT L8

=> d 19 1-13 ibib

L9 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Conjugated polymers containing arylamine for light-emitting diodes

Author/Inventor

Shi, Jianmin; Zheng, Shiying

Patent Assignee/Corporate Source

Eastman Kodak Co., Rochester, NY, 14650, USA

Source

Polymeric Materials Science and Engineering (2001), 84, 473-474 CODEN: PMSEDG; ISSN: 0743-0515

Document Type

Journal

Language

English

L9 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescence devices

Author/Inventor

Chen, Shi Min; Shi, Chan Min

Patent Assignee/Corporate Source

Eastman Kodak Co., USA

Source

Jpn. Kokai Tokkyo Koho, 88 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002093582	A	20020329	JP 2001-178712	20010613

Patent Number (1)

JP 2002093582

Kind Code (1)

A

Patent Publication Date (1)

20020329

Application Number (1)

JP 2001-178712

Application Date (1)

20010613

Priority Patent Number (1)

US 2000-593073

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20000613

L9 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent devices having arylamine polymers

Author/Inventor

Shi, Jianmin; Zheng, Shiying

Patent Assignee/Corporate Source

Eastman Kodak Company, USA

Source

U.S., 32 pp. CODEN: USXXAM

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6329086	B1	20011211	US 2000-593127	20000613

Patent Number (1)

US 6329086

Kind Code (1)

B1

Patent Publication Date (1)

20011211

Application Number (1)

US 2000-593127

Application Date (1)

20000613

Priority Patent Number (1)

US 2000-593127

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20000613

L9 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Conjugated polymers containing arylamine pendants for light-emitting diodes

Author/Inventor

Shi, Jianmin; Zheng, Shiying

Patent Assignee/Corporate Source

Research & Development, Eastman Kodak Company, Rochester, NY, 14650, USA

Source

Macromolecules (2001), 34(19), 6571-6576 CODEN: MAMOBX; ISSN: 0024-9297

Document Type

Journal

Language

English

L9 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Syntheses of 6,12-disubstituted 5,11-dihydroindolo[3,2- b]carbazoles, including 5,11-dihydroindolo[3,2- b]carbazole-6,12-dicarbaldehyde, an extremely efficient ligand for the TCDD (Ah) receptor

Author/Inventor

Tholander, Joakim; Bergman, Jan

Patent Assignee/Corporate Source

Department of Chemistry, Royal Institute of Technology, Stockholm, S-100 44, Swed.

Source

Tetrahedron (1999), 55(43), 12577-12594 CODEN: TETRAB; ISSN: 0040-4020

Document Type

Journal

Language
English

L9 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Polyheteroarylenes based on 2,5-dianilinoterephthalic acid dihydrazide; synthesis and properties

Author/Inventor

Berendyaev, V. I.; Mukhamed'yanova, T. D.; Kotov, B. V.; Vozzhennikov, V. M.; Pravednikov, A. N.

Patent Assignee/Corporate Source

Nauchno-Issled. Fiz.-Khim. Inst. im. Karpova, Moscow, USSR

Source

Vysokomolekulyarnye Soedineniya, Seriya B: Kratkie Soobshcheniya (1977), 19(11), 866-70 CODEN: VYSBAI; ISSN: 0507-5483

Document Type

Journal

Language

Russian

L9 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Chapman rearrangements. Synthesis of aromatic N,N'-diaryldiamines with o,o'-positioned carboxyl groups

Author/Inventor

Bock, Gustav

Patent Assignee/Corporate Source

Badische Anilin- und Soda-Fabrik A.-G., Ludwigshafen/Rhein, Fed. Rep. Ger.

Source

Chemische Berichte (1967), 100(9), 2870-84 CODEN: CHBEAM; ISSN: 0009-2940

Document Type

Journal

Language

German

L9 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Pyromellitic acid derivatives

Author/Inventor

Manukian, Badrig K.

Patent Assignee/Corporate Source

Sandoz Ltd.

Source

Patentschrift (Switz.), 3 pp. CODEN: SWXXAS

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 419166		19670228	CH 1961-13821	19611128

Patent Number (1)

CH 419166

Patent Publication Date (1)

19670228

Application Number (1)

CH 1961-13821

Application Date (1)
19611128

L9 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title Dialkyl bis(N-carbamoylarylamino)isophthalates and -terephthalates.

Author/Inventor

Bock, Gustav

Patent Assignee/Corporate Source

Badische Anilin- & Soda-Fabrik AG

Source

3 pp.

Document Type

Patent

Language

Unavailable

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1176640		19640827	DE 1963-B71420	19630405

Patent Number (1)

DE 1176640

Patent Publication Date (1)

19640827

Application Number (1)

DE 1963-B71420

Application Date (1)

19630405

Priority Patent Number (1)

DE

Priority Patent Publication Date (1)

19630405

L9 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title N,N'-Dibenzoylbis(diarylarnino)phthalic acid esters

Author/Inventor

Bock, Gustav; Deusel, Werner

Patent Assignee/Corporate Source

Badische Anilin- & Soda-Fabrik A.-G.

Source

19 pp.

Document Type

Patent

Language

Unavailable

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BE 628295		19630812	BE	

Patent Number (1)

BE 628295

Patent Publication Date (1)

19630812

Application Number (1)

BE

Priority Patent Number (1)

DE
Priority Patent Publication Date (1)
19620213

L9 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Pyromellitic acid and cumidinic acid derivatives. VI

Author/Inventor

Manukian, B. K.

Patent Assignee/Corporate Source

Tech. Hochschule, Zuerich, Switz.

Source

Helvetica Chimica Acta (1961), 44, 1922-6 CODEN: HCACAV; ISSN: 0018-019X

Document Type

Journal

Language

Unavailable

L9 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Condensation products of diethylsuccinylsuccinic esters with primary arylamines

Author/Inventor

Migliacci, D.; Gargiulo, R.

Source

Gazzetta Chimica Italiana (1928), 58, 110-21 CODEN: GCITA9; ISSN: 0016-5603

Document Type

Journal

Language

Unavailable

L9 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

Title

The constitution of succinylsuccinic esters and of p-dihydroxyterephthalic esters

Author/Inventor

Migliacci, D.

Source

Gazzetta Chimica Italiana (1927), 57, 914-23 CODEN: GCITA9; ISSN: 0016-5603

Document Type

Journal

Language

Unavailable

=> d his

(FILE 'HOME' ENTERED AT 09:46:12 ON 25 JUN 2008)

FILE 'REGISTRY' ENTERED AT 09:47:55 ON 25 JUN 2008

L1 STRUCTURE UPLOADED
L2 3 S L1 SSS SAM
L3 47 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 09:48:51 ON 25 JUN 2008

L4 25 S L3
L5 17 S L4 AND PY<=2003
L6 14 S L5 AND PY<=2002

L7 1 S L6 AND QUINACRIDONE
L8 1 S L6 AND ?QUINACRIDONE
L9 13 S L6 NOT L8

=> s 15 not 16
L10 3 L5 NOT L6

=> d 110 1-3 ibib

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Single compound white luminescent device and white electroluminescent component using carbazole or quinacridone derivative

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao
Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan; Hirose Engineering Co., Ltd.

Source

Jpn. Kokai Tokkyo Koho, 26 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003203780	A	20030718	JP 2002-10895	20020118

Patent Number (1)

JP 2003203780

Kind Code (1)

A

Patent Publication Date (1)

20030718

Application Number (1)

JP 2002-10895

Application Date (1)

20020118

Priority Patent Number (1)

JP 2001-333569

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20011030

L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of white fluorescent quinacridones

Author/Inventor

Nakaya, Tadao; Eto, Naonobu; Saikawa, Tomoyuki; Ikeda, Atsushi; Kimura, Yoshihiro; Yamauchi, Takao
Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 31 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003192684	A	20030709	JP 2002-12223	20020121

Patent Number (1)
JP 2003192684

Kind Code (1)
A

Patent Publication Date (1)
20030709

Application Number (1)
JP 2002-12223

Application Date (1)
20020121

Priority Patent Number (1)
JP 2001-292509

Priority Kind Code (1)
A

Priority Patent Publication Date (1)
20010925

L10 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent derivatives of 2,5-Diamino- terephthalic acids and their use in organic light-emitting diodes

Author/Inventor

Richter, Andreas M.; Schoenewerk, Jens; Diener, Gerhard

Patent Assignee/Corporate Source

Syntec Gesellschaft fuer Chemie und Technologie der Informationsaufzeichnung m.b.H., Germany

Source

Ger. Offen., 34 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10141266	A1	20030306	DE 2001-10141266	20010821

Patent Number (1)
DE 10141266

Kind Code (1)
A1

Patent Publication Date (1)
20030306

Application Number (1)
DE 2001-10141266

Application Date (1)
20010821

Priority Patent Number (1)
DE 2001-10141266

Priority Kind Code (1)
A

Priority Patent Publication Date (1)
20010821

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Connection closed by remote host

Connecting via Winsock to STN

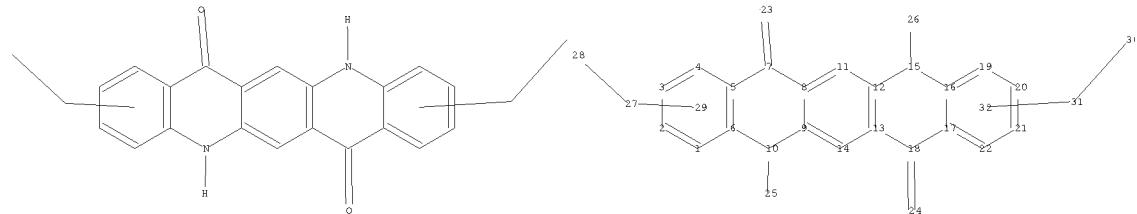
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PASSWORD:

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chain nodes :

23 24 25 26 27 28 30 31

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

chain bonds :

7-23 10-25 15-26 18-24 27-28 30-31

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 12-15 13-14 13-
18 15-16 16-17 16-19 17-18 17-22 19-20 20-21 21-22

exact/norm bonds :

5-7 6-10 7-8 7-23 9-10 12-15 13-18 15-16 17-18 18-24

exact bonds :

10=25 15=26 27=28 30=31

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 16-17 16-19 17-22 19-20 20-
21 21-22

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom

12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:Atom
30:CLASS 31:CLASS 32:Atom

L1 STRUCTURE UPLOADED

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SAMPLE SCREEN SEARCH COMPLETED - 411 TO ITERATE

100.0% PROCESSED 411 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7004 TO 9436
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 13:15:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8050 TO ITERATE

100.0% PROCESSED 8050 ITERATIONS 26 ANSWERS
SEARCH TIME: 00.00.01

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L4 23 L3

=> s l4 and py<=2003
23982103 PY<=2003
L5 18 L4 AND PY<=2003

=> s l5 and patent/dt
6240930 PATENT/DT
L6 14 L5 AND PATENT/DT

=> d 16 1-14 ibib

L6 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent devices using doping blends

Author/Inventor

Heuer, Helmut Werner; Wehrmann, Rolf; Deussen, Martin; Elschner, Andreas; Hueppauff, Martin

Patent Assignee/Corporate Source

Bosch, Robert, G.m.b.H., Germany; Bayer A.-G.

Source

Ger. Offen., 66 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19803889	A1	19990805	DE 1998-19803889	19980131

Patent Number (1)

DE 19803889

Kind Code (1)

A1

Patent Publication Date (1)

19990805

Application Number (1)

DE 1998-19803889

Application Date (1)

19980131

Priority Patent Number (1)

DE 1998-19803889

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19980131

L6 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electric-field luminescent material

Author/Inventor

Yazawa, Tomoya

Patent Assignee/Corporate Source

Casio Computer Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10110164	A	19980428	JP 1996-285907	19961009

Patent Number (1)

JP 10110164

Kind Code (1)

A

Patent Publication Date (1)

19980428

Application Number (1)

JP 1996-285907

Application Date (1)

19961009

Priority Patent Number (1)

JP 1996-285907

Priority Patent Publication Date (1)

19961009

L6 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent device materials

Author/Inventor

Enokida, Toshio; Tamano, Michiko; Onikubo, Shunichi
Patent Assignee/Corporate Source
Toyo Ink Mfg Co, Japan

Source
Jpn. Kokai Tokkyo Koho, 13 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08041451	A	19960213	JP 1994-178050	19940729

Patent Number (1)
JP 08041451

Kind Code (1)
A

Patent Publication Date (1)
19960213

Application Number (1)
JP 1994-178050

Application Date (1)
19940729

Priority Patent Number (1)
JP 1994-178050

Priority Patent Publication Date (1)
19940729

L6 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Amorphous organic thin film device and amorphous organic polymer composition

Author/Inventor

Naito, Katsuyuki

Patent Assignee/Corporate Source
Tokyo Shibaura Electric Co, Japan

Source
Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06122277	A	19940506	JP 1993-40226	19930301

Patent Number (1)
JP 06122277

Kind Code (1)
A

Patent Publication Date (1)
19940506

Application Number (1)
JP 1993-40226

Application Date (1)
19930301

Priority Patent Number (1)
JP 1992-228348

Priority Kind Code (1)

A

Priority Patent Publication Date (1)
19920827

L6 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Photopolymerizable composition for platemaking

Author/Inventor

Kojima, Noriyoshi; Sasa, Nobumasa

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04333850	A	19921120	JP 1991-133479	19910509

Patent Number (1)

JP 04333850

Kind Code (1)

A

Patent Publication Date (1)

19921120

Application Number (1)

JP 1991-133479

Application Date (1)

19910509

Priority Patent Number (1)

JP 1991-133479

Priority Patent Publication Date (1)

19910509

L6 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Light-resistant display sheets

Author/Inventor

Shimamoto, Koichiro; Inoue, Hiroko; Kitano, Hisao; Yamamoto, Kunitoshi; Fukushima, Yutaka

Patent Assignee/Corporate Source

Nisssha Printing Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04139269	A	19920513	JP 1990-262028	19900929

Patent Number (1)

JP 04139269

Kind Code (1)

A

Patent Publication Date (1)
19920513
Application Number (1)
JP 1990-262028
Application Date (1)
19900929
Priority Patent Number (1)
JP 1990-262028
Priority Patent Publication Date (1)
19900929

L6 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Delcomania for golf ball

Author/Inventor

Yoshinaga, Masanobu

Patent Assignee/Corporate Source

Toppan Printing Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 3 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63089377	A	19880420	JP 1986-235748	19861003

Patent Number (1)

JP 63089377

Kind Code (1)

A

Patent Publication Date (1)

19880420

Application Number (1)

JP 1986-235748

Application Date (1)

19861003

Priority Patent Number (1)

JP 1986-235748

Priority Patent Publication Date (1)

19861003

L6 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Thermal-transfer recording media

Author/Inventor

Tezuka, Toshiaki; Abe, Takao

Patent Assignee/Corporate Source

Konishiroku Photo Industry Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62149493	A	19870703	JP 1985-296334	19851224

Patent Number (1)
JP 62149493

Kind Code (1)
A

Patent Publication Date (1)
19870703

Application Number (1)
JP 1985-296334

Application Date (1)
19851224

Priority Patent Number (1)
JP 1985-296334

Priority Patent Publication Date (1)
19851224

L6 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Linear quinacridones

Author/Inventor

Spietschka, Ernst; Prokschy, Frank

Patent Assignee/Corporate Source

Hoechst A.-G., Fed. Rep. Ger.

Source

Ger. Offen., 16 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3515875	A1	19861106	DE 1985-3515875	19850503

Patent Number (1)
DE 3515875

Kind Code (1)
A1

Patent Publication Date (1)
19861106

Application Number (1)
DE 1985-3515875

Application Date (1)
19850503

Priority Patent Number (1)
DE 1985-3515875

Priority Kind Code (1)
A

Priority Patent Publication Date (1)
19850503

L6 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Mixtures of pigments derived from quinacridone

Patent Assignee/Corporate Source

Farbwerke Hoechst A.-G.

Source

Fr. Demande, 14 pp. CODEN: FRXXBL

Document Type

Patent

Language

French

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2154787	A1	19730511	FR 1972-34847	19721002

Patent Number (1)

FR 2154787

Kind Code (1)

A1

Patent Publication Date (1)

19730511

Application Number (1)

FR 1972-34847

Application Date (1)

19721002

Priority Patent Number (1)

DE 1971-2148866

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19710930

L6 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic plate

Author/Inventor

Weinberger, Lester

Patent Assignee/Corporate Source

Rank-Xerox Ltd.

Source

Fr. Demande, 15 pp. CODEN: FRXXBL

Document Type

Patent

Language

French

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2022360		19700731	FR 1969-37223	19691027

Patent Number (1)

FR 2022360

Patent Publication Date (1)

19700731

Application Number (1)

FR 1969-37223

Application Date (1)

19691027

Priority Patent Number (1)

US

Priority Patent Publication Date (1)

19681101

L6 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic plate

Author/Inventor

Weinberger, Lester

Patent Assignee/Corporate Source

Rank-Xerox Ltd.

Source

Ger. Offen., 21 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1942700		19700226	DE 1969-1942700	19690821

Patent Number (1)

DE 1942700

Patent Publication Date (1)

19700226

Application Number (1)

DE 1969-1942700

Application Date (1)

19690821

Priority Patent Number (1)

US

Priority Patent Publication Date (1)

19680822

L6 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Quinacridinones as pigments for photoelectrophoretic imaging processes

Author/Inventor

Tulagin, Vsevolod; Labana, Santokh S.

Patent Assignee/Corporate Source

Xerox Corp.

Source

U.S., 7 pp. CODEN: USXXAM

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3474020	A	19691021	US 1965-468935	19650702

Patent Number (1)

US 3474020

Kind Code (1)

A

Patent Publication Date (1)

19691021

Application Number (1)

US 1965-468935

Application Date (1)

19650702

Priority Patent Number (1)

US 1965-468935
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
19650702

L6 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Quinacridone pigments for photoelectrophoresis

Patent Assignee/Corporate Source
Xerox Corp.

Source

Neth. Appl., 19 pp. CODEN: NAXXAN

Document Type

Patent

Language

Dutch

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6609194	A	19670102	NL 1966-9194	19660701

Patent Number (1)

NL 6609194

Kind Code (1)

A

Patent Publication Date (1)

19670102

Application Number (1)

NL 1966-9194

Application Date (1)

19660701

Priority Patent Number (1)

US 1965-468935

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19650702

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